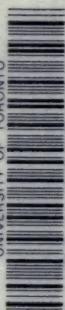


UNIVERSITY OF TORONTO



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Scoville, Wilbur Lincoln
American pharmaceutical
colleges and schools

RS
110
S36

AMERICAN
PHARMACEUTICAL COLLEGES
AND SCHOOLS.

BY

WILBUR L. SCOVILLE.

Published by
THE AMERICAN CONFERENCE OF PHARMACEUTICAL FACULTIES.
1905.



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FACULTY OF PHARMACY
UNIVERSITY OF TORONTO

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OFFICIAL NAME, LOCATION, DATE OF INSTITUTION AND TERM.

No.	Official title of Institution.	Location.	When instituted.	Length of annual session in weeks.	Day or Night Session.
ALABAMA.					
1.	Alabama Polytechnic Institute.....	Auburn	1895	39	Day
2.	Medical College of Alabama, De- partment of Pharmacy. (Dept. of University of Alabama.).....	Mobile	1866	28	Day
CALIFORNIA.					
3.	California College of Pharmacy. (Dept. of University of California)...	San Francisco	1872	35	Day
4.	College of Physicians and Surgeons of San Francisco. (Dept. of Phar- macy.).....	San Francisco	1898	31	Eve.
DISTRICT OF COLUMBIA.					
5.	National College of Pharmacy.....	Washington	1872	26	Eve.
6.	Howard University, Medical De- partment, Pharmaceutic College...	Washington	1868	26	Eve.
GEORGIA.					
7.	Atlanta College of Pharmacy. (Dept. of Coll. of Physicians and Surg.).....	Atlanta	1891	26	Day
8.	Mercer University School of Phar- macy	Macon	1903		
9.	Southern Coll. Pharmacy.....	Atlanta			
10.	University of Georgia College of Pharmacy.....	Athens.			
ILLINOIS.					
11.	Austin College of Pharmacy	Effingham			
12.	Chicago College of Pharmacy. (Dept. of University of Illinois.)...	Chicago	1859	31	Day

- | | | | | | |
|-----|--|---------|-------|---------|-----|
| 13. | Illinois Medical College, Department of Pharmacy | Chicago | 1901? | 26 | ? |
| 14. | Northwestern University School of Pharmacy | Chicago | 1886 | Contin. | Day |

INDIANA.

- | | | | | | |
|-----|---|------------|-------|----|-----|
| 15. | Northern Indiana School of Pharmacy. (Dept. of Valparaiso College?) | Valparaiso | 1893 | 50 | Day |
| 16. | Notre Dame University, Department of Pharmacy | Notre Dame | 1892? | 40 | Day |
| 17. | Purdue University School of Pharmacy | Lafayette | 1884 | 37 | Day |
| 18. | Tristate Normal School, Department of Pharmacy | Angola | 1902 | | |

IOWA.

- | | | | | | |
|-----|---|------------|------|---------|-----|
| 19. | Highland Park College of Pharmacy. (Dept. of Highland Park College) | Des Moines | 1890 | Contin. | Day |
| 20. | Iowa College of Pharmacy. (Dept. Drake Univ.) | Des Moines | 1886 | 26 | Day |
| 21. | University of Iowa, Dept. of Pharmacy | Iowa City | 1885 | 38 | Day |
| 22. | Keokuk College of Pharmacy. (Dept. of Keokuk Medical College) | Keokuk | 1900 | 31 | Day |

KANSAS.

- | | | | | | |
|-----|--|----------|------|----|-----|
| 23. | University of Kansas, School of Pharmacy | Lawrence | 1885 | 39 | Day |
|-----|--|----------|------|----|-----|

KENTUCKY.

- | | | | | | |
|-----|------------------------------------|------------|------|----|-----|
| 24. | Louisville College of Pharmacy.... | Louisville | 1870 | 26 | Day |
|-----|------------------------------------|------------|------|----|-----|

LOUISIANA.

- | | | | | | |
|-----|--|-------------|------|----|-----|
| 25. | Medical Dept. of Tulane University, Course in Pharmacy | New Orleans | 1838 | 27 | Day |
| 26. | New Orleans College of Pharmacy.. | New Orleans | 1902 | | |

MAINE.

- | | | | | | |
|-----|---|-------|------|----|-----|
| 27. | University of Maine College of Pharmacy | Orono | 1894 | 38 | Day |
|-----|---|-------|------|----|-----|

MARYLAND.

28. Maryland College of Pharmacy,
Department of the University of
Maryland.....Baltimore 1841 32 Day

MASSACHUSETTS.

29. Massachusetts College of Phar-
macy.....Boston 1823 32 Day

MICHIGAN.

30. Detroit College of Medicine, De-
partment of Pharmacy.....Detroit 1890 31 Eve.
31. Ferris Institute, Department of
Pharmacy.....Big Rapids 36 Day
32. University of Michigan School of
Pharmacy.....Ann Arbor 1868 39 Day

MINNESOTA.

33. University of Minnesota College of
Pharmacy.....Minneapolis 1892 38 Day
34. Minnesota Institute of Pharmacy..Minneapolis 1886

MISSOURI.

35. Kansas City College of Pharmacy
and Natural Sciences.....Kansas City 1885 28 Eve.
36. St. Louis College of Pharmacy.....St. Louis 1864 29 Day
37. Bates College of Pharmacy.....St. Louis

NEBRASKA.

38. Omaha College of PharmacyOmaha 1901? 25 Day

NEW JERSEY.

39. New Jersey College of Pharmacy..Newark 1892 30 A.&E.

NEW YORK.

40. Albany College of Pharmacy.
(Dept. Union Univ.).....Albany 1881 26 A.&E.
41. Brooklyn College of Pharmacy.....Brooklyn 1891 34 Day
42. Buffalo College of Pharmacy.
(Dept. Univ. Buffalo.).....Buffalo 1886 30 A.&E.
43. College of Pharmacy of the City
of New York, Dept. of Columbia
University.....New York 1829 29 Day

44. Board of Pharmacy Institute of
City of N. Y.....New York 1901? Cont. A.&E.

NORTH CAROLINA.

45. University of North Carolina,
Department of Pharmacy.....Chapel Hill 1896 34 Day
46. Leonard Schools of Medicine and
Pharmacy. (Dept. of Shaw Uni-
versity.).....Raleigh 1890 28 Day

NORTH DAKOTA.

47. North Dakota Agricultural Col-
lege, Dept. of Pharmacy.....Fargo 1901 36 Day

OHIO.

48. Cincinnati College of Pharmacy....Cincinnati 1850 34 Day
49. Cleveland School of Pharmacy.....Cleveland 1882 31 Day
50. Ohio Medical University, College
of Pharmacy.....Columbus 1891 30 Day
51. Ohio Normal University, Dept. of
Pharmacy.....Ada 1884 40 Day
52. University of Ohio, College of
Pharmacy.....Columbus 1885 39 Day
53. Scio College. Dept. of Pharmacy..Scio 1888 40 Day
54. Toledo College of Pharmacy.....Toledo 1904

OKLAHOMA.

55. University of Oklahoma, School
of Pharmacy.....Norman 1895 41 Day

OREGON.

56. Oregon Agricultural College, De-
partment of Pharmacy.....Corvallis 1901? 39 Day
57. Oregon College of Pharmacy.....Portland

PENNSYLVANIA.

58. Medico Chirurgical College of
Philadelphia.....Philadelphia 1898 34 A.&E.
59. Philadelphia College of Pharmacy..Philadelphia 1821 27 Day

60. Pittsburg College of Pharmacy.
(Dept. of Western University of
PennsylvaniaPittsburg 1878 27 Day
61. Temple College, Dept. of Phar-
macyPhiladelphia 1901 35 E.&A.

RHODE ISLAND.

62. Rhode Island College of Pharmacy
and Allied SciencesProvidence 1902 34 A.&E.

SOUTH CAROLINA.

63. Medical College of State of South
Carolina, Department of Phar-
macyCharleston 1895 26 Day

SOUTH DAKOTA.

64. South Dakota Agricultural Col-
lege, Department of Pharmacy.....Brookings 1888 36 Day
65. Dakota Normal College, Depart-
ment of PharmacySioux Falls

TENNESSEE.

66. Chatanooga Medical College, De-
partment of PharmacyChatanooga
67. Sewanee Medical College, College
of PharmacySewanee 1898? 28 ?
68. Meharry Pharmaceutical College.
(Dept. of Walden University.)Nashville 1888 26 Day
69. University of Tennessee, School of
PharmacyKnoxville 1901? 39 Day
70. Vanderbilt University, Department
of PharmacyNashville 1879 39 Day

TEXAS.

71. Baylor University, College of Me-
dicine and PharmacyDallas 1901 26 A.&E.
72. Dallas Medical College, Depart-
ment of PharmacyDallas 1900

73. University of Texas, School of
Pharmacy.....Galveston 1893 31 Day

VIRGINIA.

74. Virginia School of Pharmacy of
Medical College of Virginia.....Richmond 1897 31 Day
75. University College of Medicine,
Department of Pharmacy.....Richmond 1893 31 A.&E.

WASHINGTON.

76. Washington Agricultural College,
School of Pharmacy.....Pullman 1896 36 Day
77. University of Washington School
of Pharmacy.....Seattle 1895 38 Day

WEST VIRGINIA.

78. West Virginia University, Depart-
ment of Pharmacy.....Morgantown 1901? 40 Day

WISCONSIN.

79. Wisconsin Medical College, Depart-
ment of Pharmacy.....Milwaukee 1899 31 Day
80. University of Wisconsin, School of
Pharmacy.....Madison 1883 36 Day

CANADA.

81. Manitoba College of Pharmacy....Winnipeg 1899 35 ?
82. Montreal College of Pharmacy....Montreal 1867 26 Day
83. Ontario College of Pharmacy.
Dept. of University of Toronto....Toronto 1871 37 Day

PHILIPPINES.

84. Pharmaceutic Faculty University
Santo Tomas.....Manila 1605 ? ?

PUERTO RICO.

School of Pharmacy contemplated.

DEGREES AND REQUIREMENTS.

No.	Official title of institution.	Location.	Ph. G.	Phar. D.	Phar. B.	B. Sc.	M. Sc.	Ph. M.	Store experience.
ALABAMA.									
1.	Ala. Polytechnic Inst., Auburn		2 yrs.	5 yrs.	.....	4 yrs.	5 yrs.	.....	2 yrs. for Ph. C.
2.	Med. Coll. of Alabama, Dept. of Pharm. (Dept. of Univ. of Alabama) ..Mobile		2 yrs.	.....	.....	.....	.....	.....	None.
CALIFORNIA.									
3.	Cal. Coll. of Pharm. (Dept. of Univ. of Cal.)...S. Francisco		2 yrs.	.....	3 yrs.	.....	.....	.....	4—Ph. G. & 3 yrs. Ph. B.
4.	Coll. of Phys. and Surg. of S. Francisco. (Dept. of Pharmacy.) ..S. Francisco		2 yrs.	3 yrs.	.....	.....	.....	.....	4 yrs. or M. D.
DIST. OF COLUMBIA.									
5.	Nat. Coll. of Pharm....Washington		.....	3 yrs.	.....	.....	.....	.....	4 yrs.
6.	Howard University, Medical Dept., Pharm. Coll.....Washington		2 yrs.	2 yrs.	.....	.....	.....	.....	4 yrs.
GEORGIA.									
7.	Atlanta Coll. of Pharm. (Dept. of Coll. of Phys. and Surg.).....Atlanta		2 yrs.	3 yrs.	.....	.....	.....	.....	None.
8.	Mercer Univ. School of Pharmacy ..Macon		2 yrs.	2 yrs.	.....	.....	.....	.....	None.
9.	Southern College of Pharmacy ..Atlanta		.....	.....	.....	.....	.....	.....	.....
10.	University of Georgia, College of Pharmacy...Athens		2 yrs.	.....	.....	.....	.....	.....	None.

No.	Official title of institution.	Location,	Ph. G.	Ph. C.	Phar. D.	Phar. B.	B. Sc.	M. Sc.	Ph. M.	Score experience.
ILLINOIS.										
11.	Austin Coll. of Pharm..Effingham		.....	.....	.....	.....	.....	.....	.....	.....
12.	Chicago Coll. of Pharm.		2 yrs.	Indefin.	.....	.....	.....	.....	.....	4 yrs.
13.	Ill. Med. Coll., Dept. of Pharm.....Chicago		1 yr.	1 yr.	.....	.....	.....	.....	1 yr.	4 yrs. Ph.G.-9 yrs. Ph.M.
14.	Northw. Univ. School of Pharm.....Chicago		56 wks.	76 wks.	.....	.....	.....	.....	4 yrs.	None.
INDIANA.										
15.	Northern Ind. School of Pharm. (Dept. of Valparaiso Coll.?).....Valparaiso		1 yr.	2 yrs.	.....	.....	.....	.....	.....	None.
16.	Notre Dame Univ., Dept. of Pharm.....Notre Dame		2 yrs.	3 yrs.	.....	.....	.....	.....	.....	None.
17.	Purdue Univ. School of Pharm.....Lafayette		64 wks.	.....	.....	.....	4 yrs.	.....	.....	None.
18.	Tristate Normal School Dept. of Pharm.....Angola		.....	.....	.....	.....	.....	.....	.....	.....
IOWA.										
19.	Highland Park Coll. of Pharm. (Dept. of Highland Park Coll.).....Des Moines		48 wks.	72 wks.	Indef.	.....	3 yrs.	.....	3 yrs.	None.
20.	Iowa College of Pharm. (Dept. Drake Univ.).....Des Moines		2 yrs.	.....	.....	.....	.....	.....	.....	None.
21.	State Univ. of Iowa, Dept. of Pharm.....Iowa City		2 yrs.	.....	.....	.....	.....	.....	.....	None.
22.	Keokuk Coll. of Pharm. (Dept. of Keokuk Med. Coll.).....Keokuk		2 yrs.	.....	.....	.....	.....	.....	.....	None.
KANSAS.										
23.	Univ. of Kansas, School of Pharm.....Lawrence		2 yrs.	3 yrs.	.....	.....	4 yrs.	.....	.....	None.

No.	Official title of institution.	Location.	Ph. G.	Ph. C.	Phar. D.	Phar. B.	B. Sc.	M. Sc.	Ph. M.	Store experience.
KENTUCKY.										
24.	Louisville College of Pharm.....	Louisville	.....	.....	2 yrs.	.....	.....	.....	2 yrs.	4 and 9 yrs.
LOUISIANA.										
25.	Med. Dept. of Tulane Univ., Course in Pharm.	New Orleans	2 yrs.	.....	.....	.....	.....	.....	.....	2 yrs.
26.	New Orleans Coll. of Pharm.....	New Orleans	2 yrs.	.....	.....	.....	.....	.....	.....	4 yrs.
MAINE.										
27.	Univ. of Maine Coll. of Pharm.....	Orono	2 yrs.	.....	.....	.....	4 yrs.	5 yrs.	.....	None.
MARYLAND.										
28.	Maryland College of Pharm.....	Baltimore	2 yrs.	.....	2 yrs.	.....	.....	.....	.....	None.
MASSACHUSETTS.										
29.	Mass. Coll. of Pharm.	Boston	.....	2 yrs.	2 yrs.	.....	.....	.....	.....	4 yrs. for Phar. D.
MICHIGAN.										
30.	Detroit Coll. of Med., Dept. of Pharm.....	Detroit	2 yrs.	.....	.....	.....	.....	.....	.....	None.
31.	Ferris Inst., Dept. of Pharm.....	Big Rapids	(Nominal 1 and 2 year courses without degrees.)							
32.	Univ. of Mich. School of Pharm.....	Ann Arbor	.....	2 yrs.	.....	.....	4 yrs.	5 yrs.	.....	None.
MINNESOTA.										
33.	Univ. of Minn. Coll. of Pharm.....	Minneapolis	.....	2 yrs.	4 yrs.	.....	.....	.....	3 yrs.	None.
34.	Minn. Inst. of Pharm.	Minneapolis	(No degrees)							
MISSOURI.										
35.	Kansas City Coll. of Pharm. and Natural Sciences.....	Kansas City	2 yrs.	.....	.....	2 yrs.	.....	.....	.....	3 yrs. for Ph. G.

No.	Official title of Institution.	Location.	Ph. G.	Ph. C.	Phar. D.	Phar. B.	B. Sc.	M. Sc.	Ph. M.	Store experience.
36.	St. Louis College of Pharm.	St. Louis	2 yrs.	3 yrs.	.....	2 yrs.	.....	.....	.....	4 yrs. for Ph. G.
36a.	Bates Coll. of Pharm.	St. Louis	2 yrs.	.....	.....	2 yrs.	.....	.....	.....	- yrs. for Ph. G.
NEBRASKA.										
37.	Omaha Coll. of Pharm.	Omaha	50 wks.	.....	.....	.....	.....	.....	.....	3 yrs.
NEW JERSEY.										
38.	New Jersey College of Pharm.	Newark	2 yrs.	.....	.....	.....	.....	.....	.....	4 yrs.
NEW YORK.										
39.	Albany Coll. of Pharm. (Dept. Union Univ.)	Albany	2 yrs.	.....	.....	.....	.....	.....	.....	4 yrs.
40.	Brooklyn College of Pharm.	Brooklyn	2 yrs.	.....	3 yrs.	.....	.....	.....	.....	4 yrs. for Ph. G.
41.	Buffalo Coll. of Pharm. (Dept. Univ. Buffalo)	Buffalo	2 yrs.	.....	3 yrs.	.....	.....	.....	2 yrs.	for Ph. M. & Ph. B.
42.	Coll. of Pharm. of the City of New York, Dept. of Univ. of State of New York	New York	2 yrs.	.....	3 yrs.	.....	.....	.....	.....	4 yrs.
43.	Board of Pharm. Inst. of City of N. Y.	New York	3 mos.	.....	.....	.....	.....	.....	.....	None.
NORTH CAROLINA.										
44.	Univ. of N. Carolina, Dept. of Pharm.	Chapel Hill	2 yrs.	.....	.....	.....	.....	.....	.....	4 yrs.
45.	Leonard Schools of Med. and Pharm. (Dept. of Shaw Univ.)	Raleigh	3 yrs.	.....	.....	.....	.....	.....	.....	None.
NORTH DAKOTA.										
46.	N. Dak. Agr. Coll., Dept. of Pharm.	Fargo	2 yrs.	4 yrs.	.....	.....	4 yrs.	.....	.....	2 yrs. for Ph. G. & Ph. C.

No.	Official title of institution.	Location.	Ph. G.	Ph. C.	Phar. D.	Phar. B.	B. Sc.	M. Sc.	Ph. M.	Store experience.
OHIO.										
47.	Cincinnati Coll. of Phar.	Cincinnati	.....	.....	.....	.....	.....	.....	.....	.....
48.	Clevel. School of Pharm.	Cleveland	.....	2 yrs.	.....	.....	.....	.....	.....	None.
49.	Ohio Med. Univ., Coll. of Pharm.	Columbus	2 yrs.	.....	.....	.....	.....	.....	.....	None.
50.	Ohio Normal Univ., Dept. of Pharm.	Ada	1 yr.	2 yrs.	.....	.....	.....	.....	.....	None.
51.	Ohio State Univ., Coll. of Pharm.	Columbus	.....	2 yrs.	.....	.....	4 yrs.	.....	.....	None.
52.	Scio College, Dept. of Pharm.	Scio	1 yr.	2 yrs.	.....	.....	.....	.....	.....	None.
53.	Toledo Coll. Pharmacy.	Toledo	.....	.....	.....	.....	.....	.....	.....	.....
OKLAHOMA.										
54.	Univ. of Oklahoma, School of Pharm.	Norman	.....	2 yrs.	.....	.....	.....	.....	.....	2 yrs.
OREGON.										
55.	Oregon Agr. Coll., Dept. of Pharm.	Corvallis	.....	.....	.....	.....	4 yrs.	5 yrs.	.....	None.
56.	Oregon Coll. of Pharm.	Portland	.....	.....	.....	.....	.....	.....	.....	.....
PENNSYLVANIA.										
57.	Med.-Chirurgical Coll. of Philadelphia	Philadelphia	2 yrs.	.....	3 yrs.	.....	.....	.....	.....	4 yrs. each.
58.	Philadelphia College of Pharm.	Philadelphia	.....	3 yrs.	3 yrs.	.....	.....	.....	.....	4 yrs. for Phar. D.
59.	Pittsburg College of Pharm. (Dept. of W. Univ. of Pennsylvania)	Pittsburg	2 yrs.	3 yrs.	3 yrs.	.....	.....	.....	3 or 4 yrs.	4—Ph. G.—9 y.—Ph. M.
60.	Temple Coll., Dept. of Pharm.	Philadelphia	.....	.....	2 yrs.	.....	.....	.....	.....	4 yrs.

No.	Official title of institution.	Location.	Ph. G.	Ph. C.	Phar. D.	Phar. B.	B. Sc.	M. Sc.	Ph. M.	Store experience.
73.	Univ. Coll. of Medicine, Dept. of Pharm.....	Richmond	2 yrs.	.....	.....	2 yrs.	.....	.....	.....	3½ yrs. for Ph. G.
WASHINGTON.										
74.	Washington Agr. Coll., School of Pharm.....	Pullman	2 yrs.	.....	.....	.....	.....	.....	.....	None.
75.	Univ. of Washington School of Pharm.....	Seattle	2 yrs.	4 yrs.	.....	.....	.....	.....	.....	2 yrs. for Ph. G.
WEST VIRGINIA.										
76.	West Virginia Univ., Dept. of Pharm.....	Morgantown	.....	.....	.....	.....	4 yrs.	.....	.....	None.
WISCONSIN.										
77.	Mil. Med. Coll., Dept. of Pharm.....	Milwaukee	2 yrs.	.....	.....	.....	.....	.....	3 yrs.	None.
78.	Univ. of Wisconsin School of Pharm.....	Madison	2 or 3 yrs.	.....	.....	.....	4 yrs.	.....	3 or 4 yrs.	None.
CANADA.										
79.	Manitoba College of Pharm.....	Winnipeg	1 yr.	.....	.....	.....	.....	.....	.....	None.
80.	Montreal College of Pharm.....	Montreal	2 yrs.	.....	.....	.....	.....	.....	.....	None.
81.	Ontario Coll. of Pharm., Dept. of University of Toronto.....	Toronto	.....	.....	.....	2 yrs.	.....	.....	.....	4 yrs.
PHILIPPINES.										
82.	Pharm. Faculty Univ. Santo Tomas.....	Manila	.....	.....	.....	.....	.....	.....	.....	.....
PUERTO RICO.										
School of Pharmacy contemplated.										

DEGREES.

Catalogues were requested from all the schools listed, but only 70 responded. The following was gleaned from the catalogues received:

- 1 school grants a diploma, but confers no degrees.
- 28 schools grant one degree each.
- 28 schools grant two degrees each.
- 10 schools grant three degrees each.
- 2 schools grant four degrees each.
- 1 school grants five degrees.
- 3 schools offer special short courses without a degree.
- 31 schools require store experience for one or more of their degrees.
- 7 schools give all instruction in the afternoon and evening.
- 3 schools hold evening sessions only.

The Degree of Ph. G. is given by	The Degree of Ph. C. is given by
1 school for 3 mos. course.	1 school for 1 years course.
7 schools for 1 year course.	16 schools for 2 years course.
41 schools for 2 years course.	8 schools for 3 years course.
1 school for 3 years course.	1 school for 4 years course.
A total of 50 schools.	1 school for 5 years course.
	A total of 27 schools.

The Degree of Ph. D. is given by	The Degree of Ph. M. is given by
6 schools for 2 years course.	1 school for 3 years course.
9 schools for 3 years course.	2 schools for 2 years course.
1 school for 4 years course.	6 schools for 3 years course.
A total of 16 schools.	1 school for 4 years course.
	A total of 10 schools.

The Degree of Ph. B. is given by	The Degree of B. Sc. is given by
4 schools for 2 years course.	1 school for 1 year course.
1 school for 3 years course.	13 schools for 4 years course.
A total of 5 schools.	A total of 14 schools.

The Degree of M. Sc. is given by 4 schools for 5 years course each.

CURRICULA.

For obvious reasons it is impossible to make any reasonable comparison of the curricula from catalogues, and no attempt to do so has been made. It is interesting, however, to note the subjects

that are included in the various schools, and in a measure, the extent of attention that is paid to each. The subjects of Theoretical Pharmacy, Operative Pharmacy, General, Analytical and Organic Chemistry, Botany, Materia Medica, and Pharmacognosy are included in all the catalogues. Urinalysis is offered in most. Besides these, the following courses are suggestive:

Physiology, by 35 schools,	Toxicology, by 31 schools,
Bacteriology, by 25 schools,	Latin, by 20 schools,
Jurisprudence, by 15 schools,	Therapeutics, by 15 schools,
Hygiene, by 13 schools,	Physics, by 12 schools,
German, by 5 schools,	Commercial Training, by 5 schools,
Anatomy, by 5 schools,	Pharmacology, by 3 schools,
Geology, by 2 schools,	Mineralogy, by 2 schools,
Emergency Treatment, by 2 schools,	Zoology, by 3 schools,
Optics, by 1 school,	Photography, by 1 school.
Mathematics, by 1 school,	

The above does not represent the full extent to which these subjects are taught in Schools of Pharmacy, but shows the attention that is paid to them in the catalogues of the (70) schools.

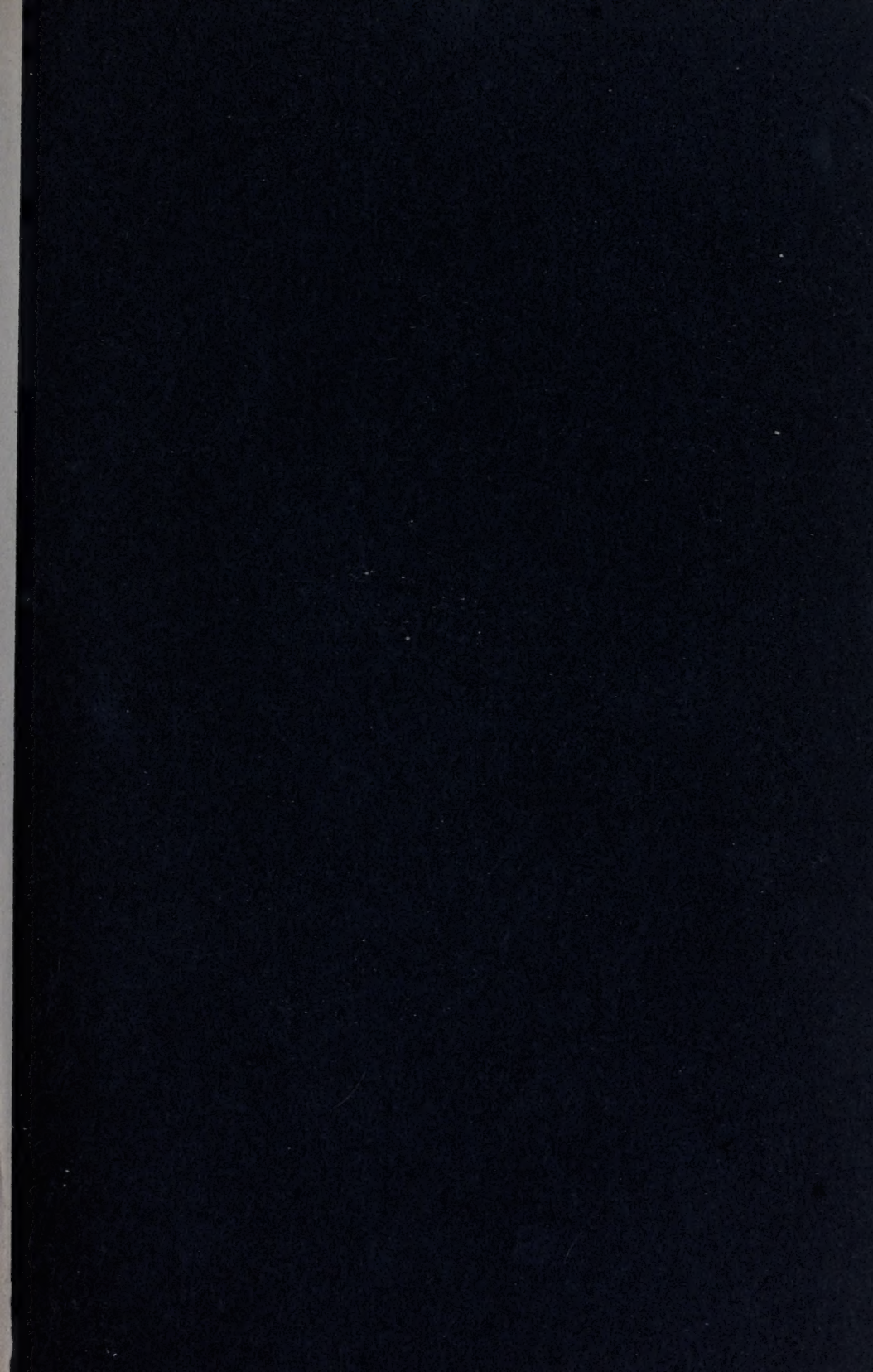
SUMMARY.

Independent Schools,	21
Departments of Universities,	32
Departments of Medical Schools,	15
Affiliated with other Institutions,	12
Total.....	80

ORGANIZATION.

Schools organized previous to 1870,	12
Schools organized between 1870 and 1880,	6
Schools organized between 1880 and 1890,	16
Schools organized between 1890 and 1900,	26
Schools organized since 1900,	21

(Two schools are uncertain, but were started not far from 1900.)



RS 110 S36		Scoville, Wilbur Lincoln American pharmaceutical colleges 1905
DATE	NAME OF BOOK	

RS Scoville, Wilbur Lincoln
 110 American pharmaceutical
 S36 colleges and schools

Pharmacy

